

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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10064171-061002

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| EFS ID: | 15869 |
| Application ID: | 10064171 |
| Title of Invention: | DOUBLE GATE TRENCH TRANSISTOR |
| First Named Inventor: | James Adkisson |
| Domestic/Foreign Application: | Domestic Application |
| Filing Date: | null |
| Effective Receipt Date: | 2002-06-18 |
| Submission Type: | Utility Patent Filing |
| Filing Type: | new-utility |
| Confirmation Number: | 0 |
| Attorney Docket Number: | BUR919990299 |
| Digital Certificate Holder: | cn=Mark F. Chadurjian, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US |
| Certificate Message Digest: | wHvHvzRCgxoc0DuUkXUVJA== |
| Total Fees Authorized: | \$740.0 |
| Payment Category: | DA - Deposit Account |
| Deposit Account Number: | 90456 |
| Deposit Account Name: | Mark F. Chadurjian |



TRANSMITTAL FORM

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10/064171
06/18/02

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Attorney Docket
Number:

BUR919990299

Submission Type: Utility
Patent Filing

DOUBLE GATE TRENCH TRANSISTOR

First Named Inventor: James W. Adkisson

SUBMITTED BY

Name: Mark F. Chadurjian

Registration Number: 30,739

Electronic Signature Mark: Mark F.
Chadurjian / s /

Date Signed: 20020618

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------|----------------------|
| declaration | BUR919990299dec1.tif |
| declaration | BUR919990299dec2.tif |
| declaration | BUR919990299dec3.tif |
| declaration | BUR919990299dec4.tif |
| declaration | BUR919990299dec5.tif |

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| declaration | BUR919990299dec6.tif |
| fee-transmittal | BUR919990299fee.xml |
| us-information-disclosure-statement | BUR919990299ids.xml |
| specification | BUR919990299.xml |
| bid-transmittal | BUR919990299apds.xml |

Attached Image File(s):

BUR919990299dec1.tif
BUR919990299dec2.tif
BUR919990299dec3.tif
BUR919990299dec4.tif
BUR919990299dec5.tif
BUR919990299dec6.tif

208T90-T-4900T
10064171-081802

Comments:

Assignee: International Business Machines Corporation, Armonk, New York 10504

10064171.061302

Application for United States Patent

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **DOUBLE GATE TRENCH TRANSISTOR**, the specification of which:

(check one) ☒ is attached hereto
☐ was filed on _____ as
Application Serial No. _____
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).*

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | | | Priority Claimed | |
|------------------------------|-------------------|------------------------|-------------------|-------------------|
| <u>None</u> | | | | |
| (Number) | (Country) | (Day/Month/Year Filed) | yes | no |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| (Number) | (Country) | (Day/Month/Year Filed) | yes | no |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| <u>None</u> | | |
|--------------------------|-------------------|----------------------------------------|
| (Application Serial No.) | (Filing Date) | (Status: patented, pending, abandoned) |
| <u> </u> | <u> </u> | <u> </u> |

Power of Attorney: As a named inventor, I hereby appoint Mark F. Chadurjian, Reg. No. 30,739, Richard A. Henkler, Reg. No. 39,220, Richard M. Kotulak, Reg. No. 27,712, James M. Leas, Reg. No. 34,372, William D. Sabo, Reg. No. 27,465, Eugene I. Shkurko, Reg. No. 36,678, Robert A. Walsh, Reg. No. 24,832, Howard J. Walter, Jr., Reg. No. 24,832, Christopher A. Hughes, Reg. No. 26,914, Edward A. Pennington, Reg. No. 32,588, John E. Hoel, Reg. No. 26,279, Joseph C. Redmond, Jr., Reg. No. 18,753, C. Lamont Whitham, Reg. No. 22,424, Marshall M. Curtis, Reg. No. 33,138, Michael E. Whitham, Reg. No. 32,635 and Joseph M. Martinez de Andino, Reg. No. 37,178, as attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. All correspondence should be directed to McGuire Woods LLP, 1750 Tysons Boulevard, Suite 1800, Tysons Corner, McLean, Virginia 22102-3915. Telephone calls should be directed to McGuireWoods, LLP at (703) 712-5000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor: James W. Adkisson

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10/17/00
Date

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Signature: _____

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Citizenship: U.S.A.

Post Office Address: Same As Residence

Date

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Citizenship: U.S.A.

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(4) Inventor: Rama Divakaruni

Signature: _____

Residence: 131B Heritage Hills, Somers, New York, 10589

Citizenship: U.S.A.

Post Office Address: Same As Residence

Date

(5) Inventor: Erin C. Jones

Signature: _____

Residence: 192 Midland Ave., Tuckahoe, New York, 10707

Citizenship: U.S.A.

Post Office Address: Same As Residence

Date

(6) Inventor: Jed H. Rankin

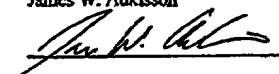
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211 Juniper Drive S. Burlington, VT 05403

Citizenship: U.S.A.

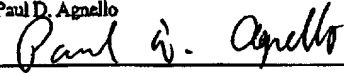
Post Office Address: Same As Residence

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BUR9-1999-0299-US1

(1) Inventor: James W. Adkisson
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Date

(5) Inventor: Erin C. Jones
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Date

BUR9-1999-0299-US1

(1) Inventor: James W. Adkisson

Signature: _____

Date

Residence: 55 Fields Lane, Jericho, Vermont 05465

Citizenship: U.S.A.

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(2) Inventor: Paul D. Agnello

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Date

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(3) Inventor: Ame W. Ballantine

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(4) Inventor: Rama Divakaruni

Signature: Rama Divakaruni

Oct. 24, 2000

Date

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(5) Inventor: Erin C. Jones

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Date

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Citizenship: U.S.A.

Post Office Address: Same As Residence

(6) Inventor: Jed H. Rankin

Signature: _____

Date

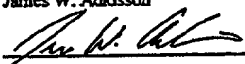
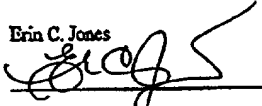
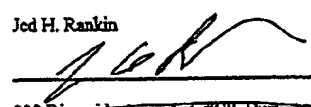
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page 2 of 3

BUR9-1999-0299-US1

- (1) Inventor: James W. Adkisson
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- (2) Inventor: Paul D. Agnello
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- (3) Inventor: Arne W. Ballantine
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- (4) Inventor: Rama Divakaruni
Signature: _____
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Citizenship: U.S.A.
Post Office Address: Same As Residence
- (5) Inventor: Erin C. Jones
Signature:  11/3/00
Residence: 192 Midland Ave., Tuckahoe, New York, 10707
Citizenship: U.S.A.
Post Office Address: Same As Residence
- (6) Inventor: Jed H. Rankin
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Citizenship: U.S.A.
Post Office Address: Same As Residence

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Title 37, Code of Federal Regulations, §1.56(a):

(a) A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

10064171.061802

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 740

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Mark F. Chadurjian

Electronic Signature Mark: Mark F. Chadurjian / s /

Date Signed: 20020614

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 8 | 103 | \$ 18 | 0 | \$ 0 |
| Independent Claims: 1 | 102 | \$ 84 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 0

10064171-061802